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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/659,498	09/10/2003	Akihiko Ito	S004-5099	3633

7590 07/29/2004

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EXAMINER

OSELE, MARK A

ART UNIT PAPER NUMBER

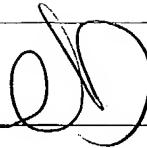
1734

DATE MAILED: 07/29/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.	10/659,498
Examiner	Mark A Osele
Applicant(s)	ITO, AKIHIKO
Art Unit	1734



-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

1) Responsive to communication(s) filed on \_\_\_\_\_.  
2a) This action is **FINAL**.                            2b) This action is non-final.  
3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

4) Claim(s) 1-10 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.  
5) Claim(s) \_\_\_\_ is/are allowed.  
6) Claim(s) 1-10 is/are rejected.  
7) Claim(s) \_\_\_\_ is/are objected to.  
8) Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

9) The specification is objected to by the Examiner.  
10) The drawing(s) filed on 09 September 2003 is/are: a) accepted or b) objected to by the Examiner.  
    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) All    b) Some \* c) None of:  
    1. Certified copies of the priority documents have been received.  
    2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
    3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

1) Notice of References Cited (PTO-892)  
2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  
3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
    Paper No(s)/Mail Date \_\_\_\_\_.  
4) Interview Summary (PTO-413)  
    Paper No(s)/Mail Date \_\_\_\_\_.  
5) Notice of Informal Patent Application (PTO-152)  
6) Other: \_\_\_\_\_.

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 103***

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-5 and 9-10 are rejected under 35 U.S.C. 103(a) as being unpatentable over the admitted prior art in view of either Rieger or MacIntyre. On pages 1-5 and Fig. 5 of the instant disclosure, it is shown that the admitted prior art of a label printer comprises: a conveying roller as a first conveying unit for conveying the label web in a first direction; a label peeling member disposed along the first direction for peeling the labels from the backing strip; a peeling roller as a second conveying unit that pulls the backing strip in a direction opposite to the first direction; a thermal print head; a platen roller brought into contact with the surface of the print head; a rotation drive unit rotating the platen roller; wherein the peeling roller contacts the conveying roller and rotates following rotation of the conveying roller creating a nip for the backing strip from which the labels have been peeled. The admitted prior art fails to show a slack preventing member.

MacIntyre shows a slack preventing plate, 36, and Rieger shows a slack preventing roller, 107, contacting the front surface of the label strip between the conveying unit and the label peeling member. It would have been obvious to one of ordinary skill in the art at the time the invention was made to add a slack preventing

member to the admitted prior art because MacIntyre and Rieger show that slack preventing rollers and plates are conventional in label peeling apparatuses.

3. Claims 6-8 are rejected under 35 U.S.C. 103(a) as being unpatentable over the admitted prior art in view of either Rieger or MacIntyre as applied to claim 1 above, and further in view of Mistyurik et al. The references as combined fail to show a discharging frame integral with the slack preventing member.

Mistyurik et al. shows a hand held labeler wherein a pivoting frame, 23, with integral label contacting elements, 74, 76, 79, can be pivoted to allow replacement of the label web thereby limiting the need for manual threading of the web between components (column 6, line 62 to column 7, line 9; Fig. 13). It would have been obvious to one of ordinary skill in the art at the time the invention was made to add a pivoting discharge frame to the apparatus of the references as combined above because Mistyurik et al. shows that this assemblage allows for easier loading of a label web.

### ***Claim Objections***

4. Claims 1, 5, and 9 are objected to because of the following informalities: In claim 1, lines 22-23 “..where the continuous label strip floats up to the front side.” Is not idiomatic English. Claims 5 and 9 each refer to “claims 1” which should be ‘claim 1’. Appropriate correction is required.

***Specification***

5. Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 150 words. It is important that the abstract not exceed 150 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

6. The abstract of the disclosure is objected to because it is longer than 150 words.

Correction is required. See MPEP § 608.01(b).

***Conclusion***

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Sohn shows a label dispensing apparatus with a slack preventing member. Goodwin et al. and Karn show hand held label printers with pivoting housings.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mark A Osele whose telephone number is 571-272-1235. The examiner can normally be reached on Mon-Fri 9:30-6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Christopher Fiorilla can be reached on 571-272-1187. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



MARK A. OSELE  
PRIMARY EXAMINER

July 26, 2004